

# CRS SERVICE, INC.

## CRS25VQ FIXED SINGLE VANE PUMP MODEL CODE BREAKDOWN

**MODEL CODE:** CRS 25VQ \*\* A \* - 1 \* 20 L  
**CROSS REFERENCE:** A B C D E F G H I

**A = BRAND**

**B = FRAME SIZE**

**C = DISPLACEMENT**

|      | GPM @  | RPM MAX | PSI MAX |
|------|--------|---------|---------|
| 12 = | 12 GPM | 2700    | 3000    |
| 14 = | 14 GPM | 2700    | 3000    |
| 17 = | 17 GPM | 2500    | 3000    |
| 19 = | 19 GPM | 2500    | 3000    |
| 21 = | 21 GPM | 2500    | 3000    |

**D = PORTING**

A = Inlet 1 1/2" SAE 4 Bolt Split Flange  
 Outlet 1" SAE 4 Bolt Split Flange

**E = SHAFT SEAL AND MOUNTING**

F = Foot Bracket  
 S = Double Shaft Seal  
 Omit for single seal & 2 Bolt SAE B Flange Mount

**F = SHAFT**

|       |  |
|-------|--|
| 1 =   | 0.875 Diameter 3/16 square key 2.31 EXT  |
| 3 =   | 0.875 Diameter #15 Woodruff 2.44 EXT     |
| 5 =   | 1.063 Diameter Tapered 3.06 EXT          |
| 6 =   | 0.875 Diameter #15 Woodruff Key 1.75 EXT |
| 11 =  | 0.875 Diameter 13T 16/32 MDF 1.75 EXT    |
| 16 =  | 1.239 Diameter 14T 12/24 SF 2.81 EXT     |
| 24 =  | 1.154 Diameter 13T 12/24 SF 4.15 EXT     |
| 25 =  | 1.248 Diameter 14T 12/24 MDF 3.03 EXT    |
| 29 =  | 1.229 Diameter 14T 12/24 SF 2.88 EXT     |
| 31 =  | 1.229 Diameter 14T 12/24 SF 4.74 EXT     |
| 37 =  | 0.858 Diameter 13T 16/32 SF 1.97 EXT     |
| 40 =  | 0.873 Diameter 13T 16/32 MDF 2.39 EXT    |
| 41 =  | 0.873 Diameter 13T 16/32 MDF 1.88 EXT    |
| 42 =  | 0.875 Diameter TANG 1.36 EXT             |
| 46 =  | 1.098 Diameter 6T St. Spline 2.93 EXT    |
| 61 =  | 0.989 Diameter 11T 12/24 SF 2.14 EXT     |
| 65 =  | 1.248 Diameter 14T 12/24 MDF 1.95 EXT    |
| 69 =  | 1.248 Diameter 14T 12/24 MDF 1.81 EXT    |
| 79 =  | 0.937 Diameter Woodruff Key 1.8 EXT      |
| 86 =  | 0.999 Diameter 1/4 Square Key 3.06 EXT   |
| 104 = | 0.946 Diameter 22T 24/48 SF 2.41 EXT     |
| 105 = | 0.946 Diameter 22T 24/48 SF 2.04 EXT     |
| 109 = | 1.229 Diameter 14T 12/24 SF 2.88 EXT     |
| 112 = | 1.229 Diameter 14T 12/24 SF 3.06 EXT     |
| 117 = | 1.229 Diameter 14T 12/24 SF 4.74 EXT     |
| 123 = | 0.873 Diameter 13T 16/32 MDF 1.75 EXT    |
| 127 = | 1.248 Diameter 14T 12/24 MDF 1.81 EXT    |
| 132 = | 1.088 Diameter Tapered 2.25 EXT          |
| 134 = | 0.858 Diameter 13T 16/32 SF 1.62 EXT     |
| 135 = | 0.873 Diameter 13T 16/32 MDF 2.2 EXT     |
| 138 = | 1.229 Diameter 14T 12/24 SF 2.19 EXT     |
| 146 = | 0.833 Diameter 19T 24/48 SF 1.77 EXT     |
| 149 = | 1.063 Diameter Tapered 2.62 EXT          |
| 151 = | 0.858 Diameter 13T 16/32 SF 1.56 EXT     |
| 153 = | 0.989 Diameter 11T 12/24 SF 2.14 EXT     |
| 176 = | 0.858 Diameter 13T 16/32 SF 1.8 EXT      |

**G = PORT RELATIONSHIP**

\*as viewed from the cover end

A = SAE 4 Bolt Inlet Opposite the SAE 4 Bolt Outlet  
 B = SAE O Ring Inlet 90 Degrees CW from the SAE O Ring Outlet  
 C = SAE 4 Bolt Inlet Inline with the SAE O Ring Outlet  
 D = SAE O Ring Inlet 90 Degrees CCW from the SAE 4 Bolt Outlet

**H = Design**

20 = Design Code

**I = Rotation**

L = Left Hand Rotation  
 Omitted = Right Hand Rotation



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**CRS SERVICE, INC.**

**CRS25VQ FIXED SINGLE VANE PUMP PARTS LIST**

**CRS25VQ\*\*A\*\*-20**

**List Price New \$764.00 Reman \$604.00**

**Core Credit (included in price) - Complete Pump \$50.00 Cart Kit \$10.00 Ring \$7.50**

**NOTE: Add \$20.00 to List Price for Viton**

| <b>Cartridge Kits and Parts</b>                               |                     |                |                               |                  |                 |   |                  |                  |
|---|---------------------|----------------|-------------------------------|------------------|-----------------|---|------------------|------------------|
| All CRS Cartridge Kits come complete with Cartridge Kit Seals |                     |                |                               |                  |                 |   |                  |                  |
| Description   | New Cart Kit Part # | New List Price | Reman Cart Kit Part #         | Reman List Price | New Ring Part # | New List Price  | Reman Ring Part# | Reman List Price |
| 12 gpm  | 3416439             | \$433.75       | R416439                       | \$348.50         | 3326984         | \$141.75  | R326984          | \$65.52          |
| 14 gpm  | 3416440             | \$433.75       | R416440                       | \$348.50         | 3326985         | \$141.75  | R326985          | \$65.52          |
| 17 gpm  | 3416441             | \$433.75       | R416441                       | \$348.50         | 3326986         | \$141.75  | R326986          | \$65.52          |
| 19 gpm  | 3421232             | \$433.75       | R421232                       | \$348.50         | 3326987         | \$141.75  | R326987          | \$65.52          |
| 21 gpm  | 3416442             | \$433.75       | R416442                       | \$348.50         | 3326988         | \$141.75  | R326988          | \$65.52          |
| <b>Rotor</b>  |                     |                | <b>Vane Kit</b>               |                  |                 | <b>Flex Plate Kit</b>   |                  |                  |
| Description   | Part#               | List Price     | Description                   | Part#            | List Price      | Description   | Part#            | List Price       |
| Rotor All Sizes   | 3270597             | \$242.00       | Vane Kit All Sizes            | 3922710          | \$107.75        | Flex Plate Kit  | 3923956          | \$139.00         |
| <b>Shafts</b>   |                     |                |                               |                  |                 |   |                  |                  |
| Description   | Part#               | List Price     | Description                   | Part#            | List Price      | Description   | Part#            | List Price       |
| 1   | 3238755             | \$77.00        | 46                            | 3239585          | POR             | 134   | 426606*          | POR              |
| 3   | 3242747             | \$98.25        | 61                            | 318478*          | POR             | 135   | 432645*          | POR              |
| 5   | 424784*             | POR            | 65                            | 320797*          | POR             | 138   | 428664*          | POR              |
| 6   | 3242767             | \$147.25       | 69                            | 3424457          | \$122.50        | 146   | 3577355          | POR              |
| 11  | 3238929             | \$102.25       | 79                            | 346723*          | POR             | 149   | 3578154          | \$122.50         |
| 16  | 274411*             | POR            | 86                            | 3419082          | \$122.50        | 151   | 579876*          | POR              |
| 24  | 245133*             | POR            | 104                           | 3402104          | POR             | 153   | 581782*          | POR              |
| 25  | 270187*             | POR            | 105                           | 3402105          | POR             | 176   | 453414*          | POR              |
| 29  | 260248*             | POR            | 109                           | 3413018          | \$183.00        | * Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability. |                  |                  |
| 31  | 285441*             | POR            | 112                           | 585311*          | POR             |   |                  |                  |
| 37  | 290444*             | POR            | 117                           | 413427*          | POR             |   |                  |                  |
| 40  | 293580*             | POR            | 123                           | 3432699          | POR             |   |                  |                  |
| 41  | 293371*             | POR            | 127                           | 3424457          | \$122.50        |   |                  |                  |
| 42  | 3923598             | POR            | 132                           | 424086*          | POR             |   |                  |                  |
| <b>Seal Kit</b>   |                     |                | <b>Shaft Seal</b>             |                  |                 | <b>Shaft Bearings</b>   |                  |                  |
| Description   | Part#               | List Price     | Description                   | Part#            | List Price      | Description   | Part#            | List Price       |
| Single Shaft Seal Buna  | 3920021             | \$25.01        | Sft Seal Buna                 | 3394976          | \$6.66          | Std. Bearing  | 3001705          | \$10.25          |
| Single Shaft Seal Viton                                       | 3920023             | \$40.49        | Sft Seal Viton #1 Single Seal | 3429286          | \$10.25         | H/D Bearing   | 3232750          | \$35.25          |
| Double Shaft Seal Buna  | 3920022             | \$35.11        | Sft Seal Viton #2 Second Seal | 3429283          | \$12.56         |   |                  |                  |
| Double Shaft Seal Viton                                       | 3920024             | \$58.68        |                               |                  |                 |   |                  |                  |



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**CRS25VQ FIXED SINGLE VANE PUMP PARTS LIST Cont.**

| <b>Cover</b>               |                  |            | <b>Body</b>      |                  |            |
|----------------------------|------------------|------------|------------------|------------------|------------|
| Description                | Part #           | List Price | Description      | Part#            | List Price |
| Code A                     | 3224309          | \$128.75   | Code A           | 3942353          | \$99.50    |
| Code B                     | 3242215          | POR        | Code B           | 3942378          | \$111.75   |
| Code C                     | 3224309          | \$128.75   | Code C           | 3942378          | \$111.75   |
| Code D                     | 3242215          | POR        | Code D           | 3942353          | \$99.50    |
| <b>Miscellaneous Parts</b> |                  |            |                  |                  |            |
| Description                | Part #           | List Price | Description      | Part#            | List Price |
| Washer                     | 3190362          | \$2.56     | Ret. Ring Br/Sft | 3120128          | \$1.03     |
| Spirolox Ring              | 3191400          | \$1.44     | Bolt (4 Req.)    | 3096168          | \$2.77     |
| Flange                     | CRSFL1-08-08P-10 | \$36.90    | Flange           | CRSFL1-12-12P-10 | \$50.23    |
| Foot Bracket               | FB-B-10*         | POR        | Flex Plate Kit   | 3923956          | \$139.00   |

- Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability



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